

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/00172

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/10 C12P1/00 C07H21/00 C07B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C12P C07H C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CAB Data, SEQUENCE SEARCH, BIOSIS, EPO-Internal, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 02 074929 A (KANAN MATTEW W; GARTNER ZEV J ; LIU DAVID R (US); HARVARD COLLEGE ( ) 26 September 2002 (2002-09-26) the whole document ----	29
X	WO 00 61775 A (SERGEEV PAVEL) 19 October 2000 (2000-10-19) the whole document ----- -/--	29

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 October 2003

Date of mailing of the international search report

03/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hornig, H

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK 03/00172

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GARTNER Z J ET AL: "The generality of DNA-templated synthesis as a basis for evolving non-natural small molecules." JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. UNITED STATES 18 JUL 2001, vol. 123, no. 28, 18 July 2001 (2001-07-18), pages 6961-6963, XP001127054 ISSN: 0002-7863 cited in the application the whole document ---	29
X	SUMMERER DANIEL ET AL: "DNA-templated synthesis: more versatile than expected." ANGEWANDTE CHEMIE (INTERNATIONAL ED. IN ENGLISH) GERMANY 4 JAN 2002, vol. 41, no. 1, 4 January 2002 (2002-01-04), pages 89-90, XP001170352 ISSN: 0570-0833 the whole document ---	29
A	WO 98 56904 A (RIGEL PHARMACEUTICALS INC) 17 December 1998 (1998-12-17) the whole document ---	
A	MATSUURA K ET AL: "Construction of glyco-clusters by self-organization of site-specifically glycosylated oligonucleotides and their cooperative amplification of lectin-recognition." JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. UNITED STATES 17 JAN 2001, vol. 123, no. 2, 17 January 2001 (2001-01-17), pages 357-358, XP002258330 ISSN: 0002-7863 the whole document ---	
A	VISSCHER J ET AL: "TEMPLATE-DIRECTED SYNTHESIS OF ACYCLIC OLIGONUCLEOTIDE ANALOGUES" JOURNAL OF MOLECULAR EVOLUTION, SPRINGER VERLAG, NEW YORK, NY, US, vol. 28, no. 1/2, 1988, pages 3-6, XP000857353 ISSN: 0022-2844 the whole document --- -/--	

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DK 03/00172

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BRENNER S ET AL: "ENCODED COMBINATORIAL CHEMISTRY" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 89, no. 12, 1 June 1992 (1992-06-01), pages 5381-5383, XP000647936 ISSN: 0027-8424 the whole document</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/DP 03/00172

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02074929	A	26-09-2002	US 2003113738 A1 WO 02074929 A2	19-06-2003 26-09-2002
WO 0061775	A	19-10-2000	WO 0061775 A1 AU 2951599 A CA 2403209 A1 EP 1208219 A1 US 2003104389 A1	19-10-2000 14-11-2000 19-10-2000 29-05-2002 05-06-2003
WO 9856904	A	17-12-1998	US 2002064798 A1 AU 7830298 A WO 9856904 A1 US 2001036638 A1	30-05-2002 30-12-1998 17-12-1998 01-11-2001